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Attorney Docket No. 077191-0017

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application Of:  
KEVIN E. GATES

Application No. 10/577,189

Filed: October 29, 2004

For: IMPROVED SUPPORT VECTOR MACHINE

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)  
)  
) Group Art Unit: Unassigned  
)  
) Examiner: Unassigned  
)  
)

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant submits herewith Form PTO-1449, "Information Disclosure Statement."

The Examiner is requested to consider carefully the complete text of the listed references in connection with the examination of this application. It is requested that the listed references be made of record and included in the "References Cited" portion of any patent issuing from this application.

Since this Statement is being filed before the mailing of the first Office Action on the merits, no fee is necessary. Please charge any fee associated with this Communication to our Deposit Account No. 13-0206.

Respectfully submitted,

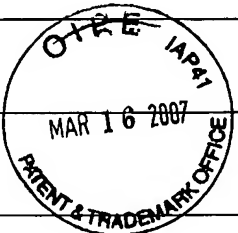
Date: March 13, 2007

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on March 13, 2007.

Sarah J. Goodnight  
Sarah J. Goodnight CHI99 4797928-1.077191.0017

<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	<b>Docket Number (Optional)</b> 077191-0017 (7603P008)	<b>Application Number</b> 10/577,189
	<b>Applicant(s)</b> Kevin E. Gates	
	<b>Filing Date</b> October 29, 2004	<b>Group Art Unit</b> Not Yet Assigned
	<b>U.S. PATENT DOCUMENTS</b>	

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,134,344	10/17/2000	Burges			
		2003/0093393	05/15/2003	Mangasarian et al.			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		Downs, T. et al, <i>Exact Simplification of Support Vector Solutions</i> , Journal of Machine Learning Research, Vol. 2, December 2001, pp. 293-7.
		Lee, Y.-J. et al, <i>RSVM: Reduced Support Vector Machines</i> , First SIAM International Conference on Data Mining, 2001.
		Fung, G.M. et al., <i>Minimal Kernel Classifiers</i> , Journal of Machine Learning Research, Vol. 3, Nov. 2, 2002, pp. 303-21.
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>
<b>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>		

FORM PTO-A820  
(also form PTO-1449)